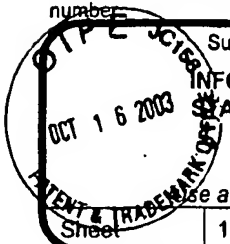


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		Application Number	10/620,271
		Filing Date	07/14/2003
		First Named Inventor	Mathiesen
		Group Art Unit	
		Examiner Name	
Sheet 1 of 1		Attorney Docket Number	065334-0111

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MB	A1	US 2003/0018006 A1		Tao et al.	01-23-2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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NON PATENT LITERATURE DOCUMENTS

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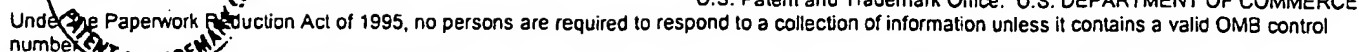
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 18, 2003 (use as many sheets as necessary)		Application Number	10/345,410
		Filing Date	01/16/2003
		First Named Inventor	Bjarne BOGEN
		Group Art Unit	1645
		Examiner Name	Unknown
Sheet 2 of 7	Attorney Docket Number	065334-0109	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MB	A9	Aase, et al., "The use of a hapten-Fab conjugate to sensitize target cells for antibody-dependent complement-mediated lysis and antibody-dependent cell-mediated cytotoxicity," <i>J. Immunol. Methods</i> 136, 185-191 (1991)	
	A10	Abe, et al., "Induction of humoral and cellular anti-idiotypic immunity by intradermal injection of naked DNA encoding a human variable region gene sequence of an immunoglobulin heavy chain in a B cell malignancy," <i>Gene Ther</i> 3:988-993 (1996)	
	A11	Acsadi et al., "Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs," <i>Nature</i> 352, 815 (1991)	
	A12	Arafat, et al., "Effective single chain antibody (scFv) concentrations in vivo via adenoviral vector mediated expression of secretory scFv," <i>Gene Ther</i> 9:256-262 (2002)	
	A13	Biragyn, et al., "B-cell malignancies as a model for cancer vaccines: from prototype protein to next generation genetic chemokine fusions," <i>Immunol Rev</i> 170:115-126 (1999)	
	A14	Bogen and Weiss, "Processing and Presentation of Idiotypes to MHC-Restricted T Cells," <i>Int. Rev. Immunol.</i> 10, 337-355 (1993)	
	A15	Bogen, et al., "Idiotope-specific T cell clones that recognize syngeneic immunoglobulin fragments in the context of class II molecules," <i>Eur. J. Immunol.</i> 16, 1373-1378 (1986)	
	A16	Chang & Prud'Homme, "Intramuscular Administration of Expression Plasmids Encoding Interferon- γ Receptor/IgG1 or IL-4/IgG1 Chimeric Proteins Protects from Autoimmunity," <i>The Journal of Gene Medicine</i> , 1:415-423 (1999)	
	A17	Chang, et al., "A Single Intramuscular Injection of Recombinant Plasmid DNA Induces Protective Immunity and Prevents Japanese Encephalitis in Mice," <i>Journal of Virology</i> , 74(9):4244-4252 (2000)	
	A18	Colombat, et al., "Rituximab (anti-CD20 monoclonal antibody) as single first-line therapy for patients with follicular lymphoma with a low tumor burden: clinical and molecular evaluation," <i>Blood</i> 97, 101-106 (2001)	
	A19	Donoghue, et al., "Rostrocaudal gradient of transgene expression in adult skeletal muscle," <i>Proc. Natl. Acad. Sci., USA</i> 88:5847-5851 (1991)	
MB	A20	Eidem, et al., "Recombinant antibodies as carrier proteins for sub-unit vaccines: influence of mode of fusion on protein production and T-cell activation," <i>Journal of Immunological Methods</i> , 245:119-131 (2000)	

Examiner Signature	<i>Mark Bohl</i>	Date Considered	9-28-04
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/345,410
Date Submitted: July 18, 2003		Filing Date	01/16/2003
(Use as many sheets as necessary)		First Named Inventor	Bjarne BOGEN
Sheet 3 of 7		Group Art Unit	1645
		Examiner Name	Unknown
		Attorney Docket Number	065334-0109

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
MB	A21	Feldmann, et al., "Discovery of TNF- α as a therapeutic target in rheumatoid arthritis: preclinical and clinical studies," <i>Joint Bone Spine</i> 69:12-18 (2002)	
	A22	Forconi, et al., "Insight into the potential for DNA idiotype fusion vaccines designed for patients by analysing xenogeneic anti-idiotypic antibody responses," <i>Immunology</i> 107:39-45 (2002)	
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	A26	Lang, et al., "On immunoglobulin heavy chain gene switching: two 2b genes are rearranged via switch sequences in MP-11 cells but only one is expressed," <i>Nucleic Acids Res.</i> 10:611-630 (1982)	
	A27	Lauritszen, et al., "Idiotypic-Specific, Major Histocompatibility Complex Restricted T Cells are of both Th1 and Th2 Type," <i>Scand. J. Immunol.</i> 33:647-656 (1991)	
	A28	Lee, et al., "Surfactant-induced sealing of electroporabilized skeletal muscle membranes <i>in vivo</i> ," <i>Proc. Nat'l Acad. Sci. USA</i> 89:4524-4528 (1992)	
	A29	Leonard, et al., "Anti-human epidermal growth factor receptor 2 monoclonal antibody therapy for breast cancer," <i>Br. J. Surg.</i> 89:262-271 (2002)	
	A30	Lewis, et al., "Generation of neutralizing activity against human immunodeficiency virus type 1 in serum by antibody gene transfer," <i>J Virol.</i> 76:8769-8775 (2002)	
	A31	Lunde, et al., "Efficient Delivery of T Cell Epitopes to APC by Use of MHC Class II-Specific Tryptobodies," <i>J. Immunol.</i> 168, 2154-2162 (2002)	
	A32	Lunde, et al., "Immunoglobulin as a Vehicle for Foreign Antigenic Peptides Immunogenic to T Cells," <i>Molecular Immunology</i> 34:1167-1176 (1997)	
MB	A33	Lunde, et al., "Antibodies engineered with IgD specificity efficiently deliver integrated T-cell epitopes for antigen presentation by B cells," <i>Nature Biotechnology</i> 17:670-675 (1999)	

Examiner Signature	<i>Mark Brack</i>	Date Considered	9-28-04
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 18, 2003 (use as many sheets as necessary)		Complete if Known	
Application Number		10/345,410	
Filing Date		01/16/2003	
First Named Inventor		Bjarne BOGEN	
Group Art Unit		1645	
Examiner Name		Unknown	
Attorney Docket Number		065334-0109	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
MB	A34	Mathiesen, I, "Electropermeabilization of skeletal muscle enhances gene transfer <i>in vivo</i> ," <i>Gene Therapy</i> 6(4):508-514 (1999)	
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	A37	Neuberger, M., "Expression and regulation of immunoglobulin heavy chain gene transfected into lymphoid cells," <i>EMBO J.</i> 2:1373-1378 (1983)	
	A38	Noël, et al., "Skin as a potential organ for ectopic monoclonal antibody production," <i>The Journal of Investigative Dermatology</i> , 118:288-294 (2002a)	
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	A40	Noël, et al., "High <i>in vivo</i> production of a model monoclonal antibody on adenoviral gene transfer," <i>Hum Gene Ther</i> 13:1483-1493 (2002b)	
	A41	Noël, et al., "In vitro and in vivo secretion of cloned antibodies by genetically modified myogenic cells," <i>Hum Gene Ther</i> 8:1219-1229 (1997)	
	A42	Norderhaug, et al, "Versatile vectors for transient and stable expression of recombinant antibody molecules in mammalian cells," <i>J. Immunol. Methods</i> 204:77-87 (1997)	
	A43	Ozato, et al., "Hybridoma Cell Lines Secreting Monoclonal Antibodies to Mouse H-2 and Ia Antigens," <i>J. Immunol.</i> 124:533-540 (1980)	
MB	A44	Pelegrin, et al., "Immunotherapy of a Viral Disease by in Vivo Production of Therapeutic Monoclonal Antibodies," <i>Human Gene Therapy</i> 11:1407-1415 (2000)	


Examiner Signature	<i>Mark Buck</i>	Date Considered	9-28-04
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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/345,410
	Date Submitted: July 18, 2003		Filing Date	01/16/2003
	Use as many sheets as necessary)		First Named Inventor	Bjarne BOGEN
			Group Art Unit	1645
			Examiner Name	Unknown
	5 of 7		Attorney Docket Number	065334-0109

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MB	A45	Piccirillo & Prud'Homme, "Prevention of Experimental Allergic Encephalomyelitis by Intramuscular Gene Transfer with Cytokine-Encoding Plasmid Vectors," <i>Human Gene Therapy</i> <u>10</u> :1915-1922 (1999)	
	A46	Rice, et al., "Critical components of a DNA fusion vaccine able to induce protective cytotoxic T cells against a single epitope of a tumor antigen," <i>J Immunol</i> <u>169</u> :3908-3913 (2002)	
	A47	Rice, et al., "Manipulation of pathogen-derived genes to influence antigen presentation via DNA vaccines," <i>Vaccine</i> <u>17</u> :3030-3038 (1999)	
	A48	Rinaldi, et al., "Antibodies elicited by naked DNA vaccination against the complementary-determining region 3 hypervariable region of immunoglobulin heavy chain idiotype determinants of B-lymphoproliferative disorders specifically react with patients' tumor cells," <i>Cancer Res</i> <u>61</u> :1555-1562 (2001)	
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	A50	Rosenberg, et al., "Gene Transfer into Humans - Immunotherapy of Patients with Advanced Melanoma, Using Tumor-Infiltrating Lymphocytes Modified by Retroviral Gene Transduction," <i>New Eng. J. Med.</i> <u>323</u> :570-578 (1990)	
	A51	Ruffini, et al., "Recent advances in multiple myeloma immunotherapy," <i>Biomed Pharmacother</i> <u>56</u> :129-132 (2002)	
	A52	Ruffini, et al., "Idiotype vaccination for B-cell malignancies as a model for therapeutic cancer vaccines: from prototype protein to second generation vaccines," <i>Haematologica</i> <u>87</u> (9):989-1001 (2002)	
MB	A53	Smith & Nordstrom, "Advances in plasmid gene delivery and expression in skeletal muscle," <i>Current Opinion in Molecular Therapeutics</i> <u>2</u> (2):150-154 (2000)	


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	Date Submitted: July 18, 2003		Filing Date	01/16/2003
	Use as many sheets as necessary)		First Named Inventor	Bjame BOGEN
	6 of 7		Group Art Unit	1645
			Examiner Name	Unknown
			Attorney Docket Number	065334-0109

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MB	A54	Sternberg, et al., "Identification of Upstream and Intragenic Regulatory Elements That Confer Cell-Type-Restricted and Differentiation-Specific Expression on the Muscle Creatine Kinase Gene," <i>Mol. Cell. Biol.</i> <u>8</u> (7):2896-2909 (1988)		
	A55	Stevenson, et al., "DNA vaccines against cancer: from genes to therapy," <i>Ann Oncol</i> <u>10</u> :1413-1418 (1999)		
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	A57	Stevenson, et al., "DNA vaccination against multiple myeloma," <i>Semin Hematol</i> <u>36</u> :38-42 (1999)		
	A58	Stevenson, et al., "Idiotypic DNA vaccines against B-cell lymphoma," <i>Immunol Rev</i> <u>145</u> :211-228 (1995)		
	A59	Stevenson, et al., "New strategies for vaccination and immunomodulation in NHL," <i>Ann Hematol</i> <u>80</u> (Suppl 3):B132-B134 (2001)		
	A60	Syngelas, et al., "DNA immunization induces protective immunity against B-cell lymphoma," <i>Nat Med</i> <u>2</u> :1038-1041 (1996)		
	A61	Syngelas, et al., "DNA vaccination against the idotype of a murine B cell lymphoma: mechanism of tumor protection," <i>J Immunol</i> <u>162</u> :4790-4795 (1999)		
	A62	Tao, et al., "Role of Carbohydrate in the Structure and Effector Functions Mediated by the Human IgG constant Region," <i>J. Immunol.</i> <u>143</u> , 2595-2601 (1989)		
	A63	Thirdborough, et al., "Vaccination with DNA encoding a single-chain TCR fusion protein induces antitumor immunity and protects against T-cell lymphoma," <i>Cancer Res</i> <u>62</u> :1757-1760 (2002)		
MB	A64	Timmerman, et al., "Idiotypic-encoding recombinant adenoviruses provide protective immunity against murine B-cell lymphomas," <i>Blood</i> <u>97</u> (5):1370-1377 (2001)		

Examiner Signature		Date Considered	9-28-04
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Application Number		10/345,410	
Filing Date		01/16/2003	
First Named Inventor		Bjarne BOGEN	
Group Art Unit		1645	
Examiner Name		Unknown	
Attorney Docket Number		065334-0109	

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MB	A65	Tsuji-Yamada, et al., "Effect of IL-12 encoding plasmid administration on tight-skin mouse," <i>Biochem Biophys Res. Commun.</i> , 280(3):707-712 (2001)	
	A66	Wolff, et al., "Direct Gene Transfer into Mouse Muscle in Vivo," <i>Science</i> 247:1465-1468 (1990)	
	A67	Zhu, et al., "DNA fusion vaccines against B-cell tumors," <i>Trends Mol Med</i> 7:566-572 (2001)	
	A68	Hofmann, "Cells in electric fields," in E. Neumann, A.E. Sowers, & C.A. Jordan (eds.), <i>ELECTROPORATION AND ELECTROFUSION IN CELL BIOLOGY</i> , pages 389-407 (Plenum Publ. Corp. 1989)	
	A69	Kabat, et al., <i>SEQUENCES OF PROTEINS OF IMMUNOLOGICAL INTEREST</i> , 4th ed. U.S. Dept. Health and Human Services, Public Health Services, Bethesda, Md. (1987)	
MB	A70	Williams and Barclay, <i>IMMUNOGLOBULIN GENES</i> (page 361), Academic Press, New York (1989)	

Examiner Signature	<i>Mal Brodeur</i>	Date Considered	9-28-04
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